

# Index of Claims



Application/Control No.

10/664,021

Applicant(s)/Patent under  
Reexamination

DELMEDICO, M. K., AND J.  
DWYER

Examiner

Jeffrey S. Parkin, Ph.D.

Art Unit

1648

|   |          |
|---|----------|
| ✓ | Rejected |
| = | Allowed  |

|   |                                |
|---|--------------------------------|
| — | (Through numeral)<br>Cancelled |
| + | Restricted                     |

|   |              |
|---|--------------|
| N | Non-Elected  |
| I | Interference |

|   |          |
|---|----------|
| A | Appeal   |
| O | Objected |

| Claim |          | Date |  |  |  |  |  |  |  |  |  |  |  |
|-------|----------|------|--|--|--|--|--|--|--|--|--|--|--|
| Final | Original |      |  |  |  |  |  |  |  |  |  |  |  |
| 1     | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 2     | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 3     | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 4     | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 5     | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 6     | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 7     | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 8     | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 9     | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 10    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 11    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 12    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 13    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 14    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 15    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 16    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 17    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 18    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 19    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 20    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 21    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 22    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 23    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 24    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 25    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 26    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 27    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 28    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 29    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 30    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 31    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 32    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 33    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 34    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 35    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 36    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 37    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 38    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 39    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 40    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 41    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 42    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 43    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 44    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 45    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 46    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 47    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 48    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 49    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 50    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |

| Claim |          | Date |  |  |  |  |  |  |  |  |  |  |  |
|-------|----------|------|--|--|--|--|--|--|--|--|--|--|--|
| Final | Original |      |  |  |  |  |  |  |  |  |  |  |  |
| 51    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 52    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 53    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 54    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 55    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 56    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 57    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 58    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 59    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 60    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 61    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 62    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 63    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 64    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 65    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 66    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 67    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 68    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 69    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 70    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 71    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 72    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 73    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 74    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 75    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 76    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 77    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 78    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 79    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 80    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 81    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 82    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 83    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 84    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 85    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 86    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 87    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 88    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 89    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 90    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 91    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 92    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 93    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 94    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 95    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 96    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 97    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 98    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 99    | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 100   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |

| Claim |          | Date |  |  |  |  |  |  |  |  |  |  |  |
|-------|----------|------|--|--|--|--|--|--|--|--|--|--|--|
| Final | Original |      |  |  |  |  |  |  |  |  |  |  |  |
| 101   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 102   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 103   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 104   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 105   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 106   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 107   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 108   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 109   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 110   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 111   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 112   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 113   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 114   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 115   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 116   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 117   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 118   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 119   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 120   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 121   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 122   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 123   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 124   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 125   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 126   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 127   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 128   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 129   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 130   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 131   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 132   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 133   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 134   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 135   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 136   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 137   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 138   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 139   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 140   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 141   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 142   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 143   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 144   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 145   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 146   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 147   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 148   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 149   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |
| 150   | ✓        |      |  |  |  |  |  |  |  |  |  |  |  |